

WEST Search History

DATE: Thursday, November 07, 2002

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L7	l3 with l1 with l4	6	L7
L6	l3 with l2 with l1	7	L6
L5	L4 with l3 with l2 with l1	1	L5
L4	olig\$	161224	L4
L3	complex or conjugate or triplex	744479	L3
L2	lactone	38480	L2
L1	camptothecin	1692	L1

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 1 of 1 returned.**☐ 1. Document ID: WO 200021370 A1

L5: Entry 1 of 1

File: DWPI

Apr 20, 2000

DERWENT-ACC-NO: 2000-329047

DERWENT-WEEK: 200028

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TITLE: New chemotherapeutic compositions comprising an oligonucleotide-camptothec- in drug complex, useful for treating cancers in a combination therapy

INVENTOR: BURKE, T G; CHAVAN, A J ; DEMIR, A S ; YANG, D

PRIORITY-DATA: 1998WO-US20941 (October 14, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200021370 A1	April 20, 2000	E	086	A01N043/04

INT-CL (IPC): A01 N 43/04; C12 N 5/00

Full	Title	CIT.1	REV.1	CLS.1	REF.1	SEQ.1	ATT.1
CAW.1							

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Terms	Documents
L4 with I3 with I2 with I1	1

Display Format:

-

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L6: Entry 2 of 7

File: USPT

Jun 18, 2002

DOCUMENT-IDENTIFIER: US 6407117 B1

TITLE: Method of administering camptothecin compounds for the treatment of cancer with reduced side effects

Brief Summary Text (12):

U.S. Pat. No. 5,468,754 describes that CPT 11 and other camptothecin derivatives undergo an alkaline, pH-dependent hydrolysis of the E-ring lactone. The slow reaction kinetics allow one to assess whether both lactone and non-lactone forms of the drug stabilize the topoisomerase-cleaved DNA complex. Studies indicate that only the closed lactone form of camptothecin helps stabilize the cleavable complex. Therefore, the patent recommends that pH levels of below 7 be used to allow the lactone form of camptothecin to predominate. The patent suggests the administration of the compounds with a pharmaceutically acceptable acid.

WEST**End of Result Set**

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L7: Entry 6 of 6

File: DWPI

May 5, 1998

DERWENT-ACC-NO: 1998-241360
DERWENT-WEEK: 199836
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TITLE: New glyco-conjugate derivatives of camptothecin - containing oligo:peptide
linking chain, useful as stable, low toxicity antitumour agents

PRIORITY-DATA: 1996DE-1040969 (October 4, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 9747767 A	May 5, 1998		000	C07K009/00
DE 19640969 A1	April 16, 1998		016	C07K007/06
WO 9815573 A1	April 16, 1998	G	039	C07K009/00

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
AU 9747767A	September 22, 1997	1997AU-0047767	
AU 9747767A		WO 9815573	Based on
DE19640969A1	October 4, 1996	1996DE-1040969	
WO 9815573A1	September 22, 1997	1997WO-EP05190	

INT-CL (IPC): A61 K 31/44; A61 K 38/05; A61 K 38/06; A61 K 38/07; A61 K 38/08; A61 K 47/48; C07 D 309/10; C07 D 491/22; C07 H 15/24; C07 K 5/06; C07 K 5/08; C07 K 5/10; C07 K 7/06; C07 K 9/00

STIC-ILL

From: STIC-Biotech/ChemLib
Sent: Thursday, November 07, 2002 7:48 AM
To: STIC-ILL
Subject: FW: Reference request (12E12) 09807332

APL
QP501. J7

-----Original Message-----

From: STIC-ILL
Sent: Thursday, November 07, 2002 7:31 AM
T : STIC-Biotech/ChemLib
Subject: RE: Reference request (12E12) 09807332

-----Original Message-----

From: Nguyen, Dave
Sent: Wednesday, November 06, 2002 6:31 PM
T : STIC-ILL
Subject: Reference request (12E12) 09807332

Please provide the following references to 12E12:

AU Arimondo Paola B; ~~Boutorine Alexandre; Baldeyron Brigitte~~; Bailly
Christian; Kuwahara Masayasu; Hecht Sidney M; Sun Jian-Sheng; Garestier
Therese; Helene Claude
CS Laboratoire de Biophysique, UMR 8646 CNRS, Museum National d'Histoire
Naturelle, INSERM U201, 43 rue Cuvier, 75231 Paris cedex 05, France..
arimondo@mnhn.fr
NC CA78415 (NCI)
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Feb 1) 277 (5) 3132-40.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals

L5 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2002 ACS
AN 1992:503695 CAPLUS
DN 117:103695
TI The influence of camptothecin on topoisomerase I interaction with genomic
sequences
AU Kjeldsen, Eigil; Bendixen, Christian; Thomsen, Bo; Christiansen, Kent;
Bonven, Bjarne Juul; Nielsen, Ole Frederick; Westergaard, Ole
CS Dep. Mol. Biol. Plant Physiol., Univ. Aarhus, Aarhus, Den.
SO DNA Topoisomerases Cancer (1991), 148-60. Editor(s): Potmesil, Milan;
Kohn, Kurt W. Publisher: Oxford Univ. Press, New York, N. Y.
CODEN: 57RWAR
DT Conference
LA English

L5 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2002 ACS
AN 1997:725563 CAPLUS
DN 128:10127
TI SERS and fluorescence study of the molecular interactions of camptothecins
with DNA and DNA topoisomerase I and in their ternary
cleavable complexes

STIC-ILL

419,571 No

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Therese; Helene Claude
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Naturelle, INSERM U201, 43 rue Cuvier, 75231 Paris cedex 05, France..
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CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals

D 316004D

agf
11/12
TOS

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DN 117:103695
TI The influence of camptothecin on topoisomerase I interaction with genomic
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AU Kjeldsen, Eigil; Bendixen, Christian; Thomsen, Bo; Christiansen, Kent;
Bonven, Bjarne Juul; Nielsen, Ole Frederick; Westergaard, Ole
CS Dep. Mol. Biol. Plant Physiol., Univ. Aarhus, Aarhus, Den.
SO DNA Topoisomerases Cancer (1991), 148-60. Editor(s): Potmesil, Milan;
Kohn, Kurt W. Publisher: Oxford Univ. Press, New York, N. Y.
CODEN: 57RWAR
DT Conference
LA English

L5 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2002 ACS
AN 1997:725563 CAPLUS
DN 128:10127
TI SERS and fluorescence study of the molecular interactions of camptothecins
with DNA and DNA topoisomerase I and in their ternary
cleavable complexes

L.C
11/18

AU Chourpa, I.; Riou, J. -F.; Pommier, Y.; Manfait, M.
CS Laboratoire de Spectroscopie Biomoléculaire, IFR 53, UFR de Pharmacie,
Reims, 51096, Fr.
SO Spectroscopy of Biological Molecules: Modern Trends, [European Conference
on Spectroscopy of Biological Molecules], 7th, Madrid, 1997 (1997),
361-362. Editor(s): Carmona, Pedro; Navarro, Raquel; Hernanz, Antonio.
Publisher: Kluwer, Dordrecht, Neth.
CODEN: 65FQAE

DT Conference
LA English

4. NO 11/7

L5 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2002 ACS
AN 1998:269137 CAPLUS
DN 128:278688

419,573

TI DNA Interactions of Two Clinical Camptothecin Drugs Stabilize
Their Active Lactone Forms

AU Yang, Danzhou; Strode, J. Thompson; Spielmann, H. Peter; Wang, Andrew
H.-J.; Burke, Thomas G.

CS Division of Medicinal Chemistry and Pharmaceutics College of Pharmacy
Department of Biochemistry, Markey Cancer Center University of Kentucky,
Lexington, KY, 40506, USA

SO Journal of the American Chemical Society (1998), 120(12), 2979-2980
CODEN: JACSAT; ISSN: 0002-7863

Please also provide the publication date for this reference.

8702822

L13 ANSWER 42 OF 63 CAPLUS COPYRIGHT 2002 ACS
AN 1997:457111 CAPLUS
DN 127:130544

TI Sequence-Specific Targeting of Duplex DNA Using a
Camptothecin-Triple Helix Forming Oligonucleotide
Conjugate and Topoisomerase I

AU Matteucci, Mark; Lin, Kuei-Ying; Huang, Teresa; Wagner, Richard;
Sternbach, Daniel D.; Mehrotra, Mukund; Besterman, Jeffrey M.

CS Gilead Sciences Inc., Foster City, CA, 94404, USA

SO Journal of the American Chemical Society (1997), 119(29), 6939-6940
CODEN: JACSAT; ISSN: 0002-7863

COMPLETED

Scientific and Technical
Information Center

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PAT. & T.M. OFFICE

L13 ANSWER 7 OF 63 MEDLINE

AN 2000015442 MEDLINE

DN 20015442 PubMed ID: 10547719

TI Targeting topoisomerase I cleavage to specific sequences of DNA
by triple helix-forming oligonucleotide conjugates. A comparison
between a rebeccamycin derivative and camptothecin.

AU Arimondo P B; Bailly C; Bourtoune A; Sun J S; Garestier T; Helene C

CS Laboratoire de biophysique, UMR 8646 CNRS-Museum national d'histoire
naturelle, Inserm U201, Paris, France.

SO COMPTES RENDUS DE L'ACADEMIE DES SCIENCES. SERIE III, SCIENCES DE LA VIE,
(1999 Sep) 322 (9) 785-90.

Thanks
Dave Nguyen
Art Unit 1632
CM1-12B15
703-305-2024

09807332